

| Ref # | Hits | Search Query  | DBs                                       | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 1    | (restor\$6 same level) and (audio or sound)   | USPAT;<br>EPO                             | OR               | OFF     | 2003/03/24 14:58 |
|       |      | (noise adj reduc\$4) same detect\$4 same (gain adj control\$7)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR               | ON      | 2005/12/27 11:46 |
|       |      | (noise adj reduc\$4) same detect\$4 same (gain adj control\$7)  | USPAT;<br>USOCR                           | OR               | ON      | 2006/01/26 09:00 |
|       |      | ("4901150").PN.   | USPAT;<br>USOCR                           | OR               | OFF     | 2006/01/26 09:00 |
| S1    | 50   | ((("6211984") or ("6211984") or ("6148116") or ("4860366") or ("4956644") or ("5185806") or ("5268685") or ("5796850") or ("4926261") or ("5204906") or ("5212764") or ("5307516") or ("5410606") or ("H001526") or ("5536903") or ("5715015") or ("5977899") or ("6008670") or ("4275411") or ("4302768") or ("4309649") or ("4380080") or ("4460924") or ("4574390") or ("4602217") or ("4772939") or ("4899150") or ("4918339") or ("4926361") or ("4937576") or ("5228088") or ("5239578") or ("5249064") or ("5257109") or ("5260775") or ("5260792") or ("5285277") or ("5307379") or ("5400149") or ("5416641") or ("5446539") or ("5457500") or ("5467145") or ("5606375") or ("5659313") or ("5663914") or ("5687285") or ("5757299") or ("5793417") or ("5812495")).PN. | USPAT;<br>USOCR;<br>EPO                   | OR               | OFF     | 2005/05/02 13:23 |
| S2    | 0    | "5926334".uref.   | USPAT;<br>EPO                             | OR               | OFF     | 2002/08/30 13:29 |
| S3    | 50   | "4185168".uref.   | USPAT;<br>EPO                             | OR               | OFF     | 2002/08/30 13:40 |
| S4    | 2    | "5253299".uref.   | USPAT;<br>EPO                             | OR               | OFF     | 2003/03/24 11:45 |
| S5    | 1    | "5253299".pn. and (dynamic expander circuit)  | USPAT;<br>EPO                             | OR               | OFF     | 2002/08/30 13:43 |
| S6    | 1    | "5253299".pn. and (dynamic adj expander adj circuit)  | USPAT;<br>EPO                             | OR               | OFF     | 2002/08/30 13:43 |
| S7    | 0    | "5926334".uref.   | USPAT;<br>EPO                             | OR               | OFF     | 2002/08/31 10:26 |
| S8    | 5    | "4599569"   | USPAT;<br>EPO                             | OR               | OFF     | 2002/08/31 10:29 |

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| S65 | 0     | broadcasting adj automatic adj gain adj control\$4                             | IBM_TDB                                   | OR | ON  | 2005/05/03 10:27 |
| S66 | 8     | audio same automatic adj gain adj control\$4                                   | IBM_TDB                                   | OR | ON  | 2005/12/27 13:39 |
| S67 | 44    | ((381/94.8).cccls.) and @ay<="1998"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/12/27 10:59 |
| S68 | 41    | ((381/94.8).cccls.) and @ay<="1997"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/12/27 11:00 |
| S69 | 135   | (noise adj reduc\$4) same detect\$4 same (gain adj control\$4)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 11:46 |
| S70 | 77    | (noise adj reduc\$4) same detect\$4 same (gain adj control\$4) and @ay<="1997" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 11:46 |
| S71 | 126   | ((381/94.1).cccls.) and @ay<="1997"  | USPAT;<br>EPO                             | OR | OFF | 2005/12/27 12:25 |
| S72 | 126   | ((381/94.1).cccls.) and @ay<="1997"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/12/27 15:29 |
| S73 | 46582 | (audio same automatic adj gain adj control\$4) or agc                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 13:40 |
| S74 | 740   | detect\$4 adj noise adj level  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:56 |
| S75 | 41    | S73 and S74 and @ay<="1997"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:18 |
| S76 | 41669 | (adjust\$4 or reduce\$2) and noise adj level                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:19 |
| S77 | 860   | S73 and S76 and @ay<="1997"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:20 |
| S78 | 451   | (adjust\$4 or reduce\$2) adj device and noise adj level                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:19 |

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| S79 | 8     | S73 and S78 and @ay<="1997"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:57 |
| S80 | 0     | "6556685".uref.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:45 |
| S81 | 1     | "6556685"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:46 |
| S82 | 9     | ("3789143"   "3795876"   "3903485"  <br>"4101849"   "4103239"   "4169219"  <br>"4224581"   "4250470"   "4490691").<br>PN. OR ("6556685").URPN. | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/12/27 14:46 |
| S83 | 40677 | noise adj reduc\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:57 |
| S84 | 441   | S73 and S83 and @ay<="1997"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:58 |
| S85 | 0     | S73 and S78 and S83 and<br>@ay<="1997"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:58 |
| S86 | 82    | S73 and S76 and S83 and<br>@ay<="1997"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | ON  | 2005/12/27 14:58 |
| S87 | 97    | ((381/102).ccls.) and @ay<="1997"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/12/27 16:46 |
| S88 | 331   | ((381/104).ccls.) and @ay<="1997"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/12/27 16:47 |
| S89 | 10    | ((381/104).ccls.) and (noise adj<br>reduction) and @ay<="1997"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/12/27 17:00 |
| S90 | 4     | ((381/104).ccls.) and ( reduce\$1 adj<br>noise) and @ay<="1997"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/12/27 17:00 |

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| S91      | 42 | ((381/106-109).ccls.) and ( reduce\$1<br>adj noise) and @ay<="1997"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/12/27 16:55 |
| S92      | 42 | ((381/106-109).ccls.) and ( reduce\$1<br>adj noise) and @ay<="1997"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/12/27 17:00 |
| S93      | 74 | ((381/106-109).ccls.) and (noise adj<br>reduction) and @ay<="1997"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO | OR | OFF | 2005/12/27 17:01 |
| S94      | 3  | "5253299"   | USPAT;<br>USOCR                           | OR | ON  | 2005/12/28 09:40 |
| S95      | 13 | ("3673342"   "3803357"   "3857104"  <br>"3943293"   "4208547"   "4301541"  <br>"4577226"   "4630305"   "4680793"  <br>"4771464"   "4833715").PN. OR<br>("5253299").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/12/28 09:50 |
| S96      | 0  | "1009129".uref.   | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/12/28 09:50 |
| S97      | 15 | "6009129".uref.   | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/12/28 09:53 |
| S98      | 18 | "6009129"   | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/12/28 09:54 |
| S99      | 29 | ("4870372"   "5093840"   "5222255"  <br>"5263048"   "5267262"   "5321847"  <br>"5339454"   "5469115"   "5513386"  <br>"5566201"   "5577022"   "5596570"  <br>"5612978"   "5722061").PN. OR<br>("6009129").URPN. | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/12/28 09:58 |
| S10<br>0 | 3  | "5315660"   | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/12/28 09:59 |
| S10<br>1 | 8  | ("3681618"   "4177356"   "4363007"  <br>"4449106"   "4691234"   "5091957").<br>PN. OR ("5315660").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/12/28 10:08 |
| S10<br>2 | 2  | "5926334"   | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/12/28 10:09 |
| S10<br>3 | 2  | ("4599569").PN. OR ("5926334").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/12/28 10:12 |
| S10<br>4 | 6  | "4467287"   | US-PGPUB;<br>USPAT;<br>USOCR              | OR | ON  | 2005/12/28 10:12 |

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| S10<br>5 | 6     | ("4220929").PN. OR ("4467287").<br>URPN.                        | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/12/28 10:16 |
| S10<br>6 | 68    | "4185168"   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/12/28 10:16 |
| S10<br>7 | 60    | ("3803357"   "4025721").PN. OR<br>("4185168").URPN.             | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/12/28 10:35 |
| S10<br>8 | 13080 | noise adj reduction   | USPAT                        | OR | ON | 2006/01/25 10:56 |
| S10<br>9 | 19777 | noise adj reduction   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/25 10:56 |
| S11<br>0 | 831   | detect\$4 same noise adj level same<br>compar\$4 same threshold | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/25 10:59 |
| S11<br>1 | 22    | S109 and S110 and @ay<="1997"                                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2006/01/25 10:59 |